AUTHOR INDEX

Bark, Peter R., Emerging standards in fiber optic telecommunications cable, 149
Barnhart, Andrew, Fiber optic transmission link analysis, 12
Bergman, L. A., Application of fiber optics in spacecraft, 74
Botez, Dan, Single-mode AlGaAs laser diodes, 102
Brooks, Robert E., Fiber-optic sensing in cryogenic environments, 46
Campbell, Larry, Fiber optic transmission link analysis, 12
Channin, Donald J., High data-rate modulation of laser diodes, 128
Cheng, Charles C. K., Optical data links for point-of-sale (POS) electronic terminals, communications and control, 34
Cherin, A. H., Measurement standards for multimode telecommunication fibers, 144
Crow, John D., Fiber optics for local data networks, 53
Engineer, Carl P., Fiber optic entrance links for electric utilities, 5
Fairaizl, Alan F., Fiber optic entrance links for electric utilities, 5
Gardner, W. B., Measurement standards for multimode telecommunication fibers, 144
Glavas, X. G., Design considerations for aerial, duct, and direct burial optical fiber cable, 133
Goss, Willis C., Fiber-optic rotation sensors, 38
Greenwell, Roger A., Fiber optic system test results in a tactical military aircraft, 27
Harmer, A. L., Fiber sensor systems, 2
Holmes, G. Thomas, Propagation parameter measurements of optical waveguides, 138
Hurwitz, C. E., Detectors for the 1.1-1.6 μm spectral region, 122
Inbar, Michael, Optical channels in distributed processing, 57
Johnston, A. R., Application of fiber optics in spacecraft, 74
Lawrence, Derek O., Emerging standards in fiber optic telecommunications cable, 149
Lee, T. P., Recent development in light-emitting diodes (LED's) for optical fiber communications systems, 92
Makuch, John, Review and update of fiber optic interconnect standardization, 159
Olsen, Gregory H., InGsAsP laser diodes, 113
Parikh, Bipin D., Optical data links for point-of-sale (POS) electronic terminals, communications and control, 34
Rogers, Wesley A., Optical multiplex systems for vehicles, 63
Sachs, Martin W., Fiber optics for local data networks, 53
Sharma, Madan, Fiber-optic sensing in cryogenic environments, 46
Smith, J. C., Design considerations for aerial, duct, and direct burial optical fiber cable, 133
Uhlhorn, Roger W., Fiber optic system test results in a tactical military aircraft, 27
Verber, C. M., Fiber sensor systems, 2
Wells, Willard, Power for repeaters in long fiber-optic links, 19
Zaman, M. K., Fiber-optic color multiplexing system, 85

SUBJECT INDEX

AlGaAs laser diodes, single-mode, 102
Aerial, duct, and direct burial optical fiber cable, design considerations for, 133
Aircraft, fiber optic system test results in a tactical military, 27
Application of fiber optics in spacecraft, 74

Cable, design considerations for aerial, duct, and direct burial optical fiber, 133
Cable, emerging standards in fiber optic telecommunications, 149
Channels in distributed processing, optical, 57
Communications and control, optical data links for point-of-sale (POS) electronic terminals, 34
Communications systems, recent development in light-emitting diodes (LED's) for optical fiber, 92
Color multiplexing system, fiber-optic, 85
Control, optical data links for point-of-sale (POS) electronic terminals, communications and, 34
Cryogenic environments, fiber-optic sensing in, 46

Data links for point-of-sale (POS) electronic terminals, communications and control, optical, 34
Data networks, fiber optics for local, 53
Data-rate modulation of laser diodes, high, 128
Design considerations for aerial, duct, and direct burial optical fiber cable, 133
Detectors for the 1.1-1.6 μm spectral region, 122
Development in light-emitting diodes (LED's) for optical fiber communications systems, recent, 92
Diodes, high data-rate modulation of laser, 128
Diodes, InGaAsP laser, 113
Diodes (LED's) for optical fiber communications systems, recent development in light-emitting, 92
Diodes, single-mode AlGaAs laser, 102
Direct burial optical fiber cable, design consideration for aerial, duct, and, 133
Distributed processing, optical channels in, 57
Duct, and direct burial optical fiber cable, design considerations for aerial, 133

Electric utilities, fiber optic entrance links for, 5
Electronic terminals, communications and control, optical data links for point-of-sale (POS), 34
Emerging standards in fiber optic telecommunications cable, 149
Entrance links for electric utilities, fiber optic, 5
Enivronments, fiber-optic sensing in cryogenic, 46

Fiber cable, design consideration for aerial, duct, and direct burial optical, 133
Fiber communication systems, recent development in light-emitting diodes (LED's) for optical, 92
Fiber-optic color multiplexing system, 85
Fiber optic entrance links for electric utilities, 5
Fiber optic interconnect standardization, review and update of, 159
Fiber-optic links, power for repeaters in long, 19
Fiber-optic rotation sensors, 38
Fiber-optic sensing in cryogenic environments, 46
Fiber optic system test results in a tactical military aircraft, 27
Fiber optic telecommunications cable, emerging standards in, 149
Fiber optic transmission link analysis, 12
Fiber optics for local data networks, 53
Fiber optics in spacecraft, application of, 74
Fiber sensor systems, 2
Fibers, measurement standards for multimode telecommunication, 144

High data-rate modulation of laser diodes, 128

InGaAsP laser diodes, 113
Interconnect standardization, review and update of fiber optic, 159

(LED's) for optical fiber communication systems, recent development in light-emitting diodes, 92
Laser diodes, high data-rate modulation of, 128
Laser diodes, InGaAsP, 113
Laser diodes, single-mode AlGaAs, 102
Light-emitting diodes (LED's) for optical fiber communications systems, recent development in, 92

Link analysis, fiber optic transmission, 12
Links for electric utilities, fiber optic entrance, 5
Links for point-of-sale (POS) electronic terminals, communications and control, optical data, 34
Links, power for repeaters in long fiber-optic, 19
Local data networks, fiber optics for, 53
Long fiber-optic links, power for repeaters in, 19

Measurement standards for multimode telecommunication fibers, 144
Military aircraft, fiber optic system test results in a tactical, 27
Modulation of laser diodes, high data-rate, 128
Multimode telecommunication fibers, measurement standards for, 144
Multiplex systems for vehicles, optical, 63
Multiplexing system, fiber-optic color, 85

Networks, fiber optics for local data, 53

1.1-1.6 μm spectral region, detectors for the, 122
Optic color multiplexing system, fiber-, 85
Optic entrance links for electric utilities fiber, 5
Optic interconnect standardization, review and update of fiber, 159
Optic rotation sensors, fiber-, 38
Optic sensing in cryogenic environments, fiber-, 46
Optic system test results in a tactical military aircraft, fiber, 27
Optic telecommunications cable, emerging standards in fiber, 149
Optic transmission link analysis, fiber, 12
Optical channels in distributed processing, 57
Optical data links for point-of-sale (POS) electronic terminals, communications and control, 34
Optical fiber cable, design considerations for aerial, duct, and direct burial, 133
Optical fiber communication systems, recent development in light-emitting diodes (LED's) for, 92
Optical multiplex systems for vehicles, 63
Optical waveguides, propagation parameter measurements of, 138
Optics for local data networks, fiber, 53
Optics in spacecraft, application of fiber, 74

(POS) electronic terminals, communications and control, optical data links for point-of-sale, 34
Parameter measurements of optical waveguides, propagation, 138
Point-of-sale (POS) electronic terminals, communications and control, optical data links for, 34
Power for repeaters in long fiber-optic links, 19
Processing, optical channels in distributed, 57
Propagation parameter measurements of optical wave-guides, 138

Rate modulation of laser diodes, high data-, 128
Recent development in light-emitting diodes (LED's) for optical fiber communications systems, 92
Region, detectors for the 1.1-1.6 μm spectral, 122
Repeaters in long fiber-optic links, power for, 19
Review and update of fiber optic interconnect standardization, 159
Rotation sensors, fiber-optic, 38

Sensing in cryogenic environments, fiber-optic, 46
Sensor systems, fiber, 2
Sensors, fiber-optic rotation, 38
Single-mode AlGaAs laser diodes, 102
Spacecraft, application of fiber optics in, 74
Spectral region, detectors for the 1.1-1.6 μm, 122
Standardization, review and update of fiber optic interconnect, 159
Standards in fiber optic telecommunications cable, emerging, 149
Standards for multimode telecommunication fibers, measurement, 144

Tactical military aircraft, fiber optic system test results in a, 27
Telecommunication fibers, measurement standards for multimode, 144
Telecommunications cable, emerging standards in fiber optic, 149
Terminals, communications and control, optical data links for point-of-sale (POS) electronic, 34
Test results in a tactical military aircraft, fiber optic system, 27
Transmission link analysis, fiber optic, 12

Update of fiber optic interconnect standardization, review and, 159
Utilities, fiber optic entrance links for electric, 5

Vehicles, optical multiplex systems for, 63

Waveguides, propagation parameter measurements of optical, 138